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MONSANTO

CONFIDENTIAL 92-CV-204-WDS

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11/10/80
147927

Sarah Gainer Collins -- G4NF -- 8586

November 10, 1980

IEPA AND MONSANTO SOIL SAMPLE ANALYSES

TO : D. R. Bishop
E. N. Brasfield
J. H. Craddock
C. P. Cunningham
H. W. Curtis
M. Dmytryszyn
M. R. Foresman
P. E. Heisler
J. W. Molloy
J. T. Nolan
W. B. Papageorge
P. S. Park
R. H. Sinise
J. J. Spano
M. C. Throdahl
W. W. Varnado

A report on the IEPA/Monsanto soil samples from Dead Creek will probably be released to the St. Louis media on Wednesday, Nov. 12, by the Illinois Environmental Protection Agency.

The release will confirm that the soil analyses are in basic agreement and that Monsanto found no elemental phosphorus in its sample. No reference will be made to IEPA's informal question about a possible Monsanto "cleanup" of Dead Creek.

Figures for PCBs and total phosphorus will be included. IEPA results show: PCBs - 10,000 ppm in north end near Queeny Ave.; 350 ppm in center; 73 ppm in south end near Judith Lane. Total phosphorus - 2,000 ppm in center.

Monsanto results: PCBs - 13,000 ppm in north end near Queeny Ave.; 240 ppm in center; 45 ppm in south end near Judith Lane. Total phosphorus - 2,500 ppm in center.

Sarah

Sarah Gainer Collins

pa

CER 008446

11. 10 REV 2

PRESS QUERY

CONFIDENTIAL 92-CV-204-WDS

COMPANY (OpUnit or Corporate): MCI

SUBJECT: Soil Samples -- Monsanto/IEPA

REPORTER & MEDIA: Mike Blackwell, Belleville News-Democrat

TIME & DATE: November 7, 1980

QUESTION & RESPONSE:

Q. IS THE ANALYSIS OF THE DEAD CREEK SOIL SAMPLES FINISHED YET?

A. Yes. The plant has completed an analysis of its samples. We are in the process of reviewing our results with those results of the Illinois Protection Agency.

Q. WHEN CAN YOU TELL ME WHAT WAS FOUND?

A. I really don't know. Keep in mind that Monsanto has only been assisting IEPA in determining the content of the soil samples taken from Dead Creek. Thus, any decisions concerning the use or release of information should be determined by the IEPA since it is the governmental agency responsible for the Dead Creek investigation.

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CER 008447

SOURCE OF ANSWER

Foresman/Park

HANDLED BY:

Sarah Gainer Collins

G-2967 (REV. 8/79)

MEMO TO F. E. Reese - D10
M. C. Throdahl - D1D

November 6, 1980

cc: C. P. Cunningham
M. Dmytryszyn
W. B. Papageorge

In Mr. Papageorge's absence I have been asked to communicate the status of the Dead Creek soil sample analysis. Monsanto analysis of the Illinois EPA split samples from Dead Creek was completed October 28, 1980 and a copy of the report is attached.

From the report, "No elemental phosphorus was detected in any of the samples, which implies that phosphorus is not responsible for the "smoking earth" reported at the site The results clearly indicate non-uniform contamination at the Dead Creek site."

A meeting has been set with Mr. Kelty, Illinois EPA Laboratory, on November 7, 1980 in Springfield, Illinois to discuss the Monsanto and Illinois EPA sample analysis data and agree on a procedure for release of the information to the public. P. E. Heisler, R. H. Sinise, and Dr. R. G. Kaley will represent Monsanto at the meeting.

FROM Michael R. Foresman
MCI Environmental Operations

6-321

CER 008448

PRESS QUERY

CONFIDENTIAL 92-CV-204-WDS

COMPANY (OpUnit or Corporate): MCI

SUBJECT: Soil Sampling - Monsanto/IEPA

REPORTER & MEDIA: Mike Blackwell, Belleville News-Democrat

TIME & DATE: November 3, 1980

QUESTION & RESPONSE:

Q. ANY INFORMATION ON THE SOIL ANALYSIS YET?

A. The report should be ready by the end of the week. At that time, Monsanto will discuss and review its findings along with those of IEPA with IEPA officials.

Q. I WOULD SURE LIKE TO KNOW WHAT'S TALKED ABOUT. WILL I SEE THE REPORT?

A. I don't know how long the joint review process will take, but the news media will be informed of the report.

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~~J. W. Molloy~~
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J. J. Spano
M. C. Throdahl
W. W. Varnado

CER 008449

SOURCE OF ANSWER

P. E. Heisler

HANDLED BY:

Sarah Gainer Collins

G-2967 REV 8/77

E. Brasfield	- G4NE
B. Papageorge	- G4WA
J. Spano	- G4NH
H. Curtis	
P. Heisler	

From: J. W. Molloy

THE UNIVERSITY OF CHICAGO

of the News-Broadcast
Council. If judged harmful, com-
panies covered the utility. Environmental
Protection Agency may be able to mandate
costs through to take corrective action on their
properties, but not for and confirmation on
applying officials said.

Also, in FY test results, of our sample, taken from Deed's work in a paid program last month with students in a school program, impact on circulation of PCs and photos. Men's photo tests were not conducted, a company spokesman said. Deed University.

Dead Creek, an old drainage ditch near Illinois, is not valued and caught fish are not consumed without danger to one's health. The fish (pothole-headed bryophylls) and toxic metals (lead, mercury, and cadmium) that entered the area by creating a fence around a 1/4 mile area of the creek from Quincy Avenue, and

"We're trying to get permits to drill a bottom of Quincy Avenue," said James, owner of Quincy Avenue. "And James, Quincy Avenue is a chemical and member of the Quincy Avenue Chemical Association. We would like to drill to see if chemicals were introduced in that area." That land is owned by several chemical companies.

Kelly and the agency is seeking permission from several chemical companies in the area, but nothing definite has been decided.

The DEP wants to drill for core samples at Quarry Avenue in Saugee because source of Dead Creek originally was thought a Monksville plant in the area, Kelly

permeable, painted, drilling for
ples may begin in the next two weeks,

the agency is searching for old

"We're trying to get permits to drill north of Quarry Avenue. We want to do some drilling to see if chemicals were spilled in that area. That land is owned by several chemical companies."

— I.I.A. Chemist

actual photos captured the area to determine the breadth and extent of the creek's flow path. Water from the area, possibly contaminated, may have washed down the creek's bed to the Mississippi River bay, says Kelly and. The area in question is about one mile long.

The source of the creek is at Cheney Avenue now. Though dry, the creek route miraculously, through residential areas, in Calhoun and empties into the Mississippi.

"They are not negotiating with us," said Harold Lewin, president of Cerro Copper Products, who's company properly borders Quezay Avenue.

A Monsanto spokesman said the company is "not aware of any additional sampling request from HEPA." The St. Louis-based chemical company has

the fact that the Pb^{2+} concentration in the water column is higher than the detection limit (Fig. 1). The Pb^{2+} concentration in the sediment in the coastal zone of the Aegean Sea is in the range of 100–1,000 $\mu\text{g g}^{-1}$ (Table 1).

The concentrations are pretty much the same that we found earlier, except the oil samples were not taken in the exact same area as earlier samples, but

found to be significantly affected by the concentration of the polymer. At a high concentration (100 g/dm³) the mobility of the cation and the rate of the polymerization were enhanced. At lower concentrations (10 and 20 g/dm³) the mobility of the cation and the rate of the polymerization were not affected. The results are summarized in Table I.

Phosphorus levels were 0.000 ppm in the north, 0.000 ppm in the center and 0.000 ppm in the south.

Mathematical Laboratory to apply should be known." Within the next several days, the spokesman said.

Meanwhile, if VA guidelines are continuing to take into account "brown areas" around the creek, Phase 2 of a three-part plan to remedy the problem in that bay, have existed for more than a decade. Phase 3 involves cleanup State officials determine at the end of the cleanup.

Results of the paired t-test, along with samples taken from the creek south of Judith Lake, to the river, should be known sometime next month, Kelly said.

CONFIDENTIAL 92 CV-204-WDS

CER 008450

PRESS QUERY

CONFIDENTIAL 92-CV-204-WJS

COMPANY (OpUnit or Corporate): MCI

SUBJECT: Soil Sampling - Monsanto/IEPA

REPORTER & MEDIA: Mike Blackwell, Belleville News Democrat

TIME & DATE: October 30, 1980

QUESTION & RESPONSE:

Q. I UNDERSTAND IEPA HAS REQUESTED ANOTHER SOIL SAMPLE TO BE TAKEN NORTH OF QUEENY AVE...POSSIBLY ON MONSANTO PROPERTY. HAVE YOU AGREED?

A. Monsanto is not aware of any additional sampling requested by the Illinois EPA.

Q. HOW IS YOUR LAB WORK GOING ON THE SOIL SAMPLES?

A. Monsanto's lab reports are nearing completion. We will discuss our findings, along with the findings of the IEPA when both sets of data have been compiled.

Q. DO YOU HAVE A TIME PERIOD FOR YOUR LAB REPORTS?

A. They should be completed within the next several days.

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CER 008451

SOURCE OF ANSWER

W. B. Papageorge/P. E. Heisler

HANDLED BY:

Sarah Gainer Collins

G-2967 (REV 8/79)

PRESS QUERY

CONFIDENTIAL 92-CV-204-WDS

COMPANY (OpUnit or Corporate): MCI

SUBJECT: Monsanto/IEPA Sampling Agreement

REPORTER & MEDIA: Mike Blackwell, Belleville News Democrat

TIME & DATE: September 30, 1980

QUESTION & RESPONSE:

- Q. I UNDERSTAND YOU AND THE IEPA HAVE AGREED TO A JOINT PROGRAM FOR THE DEAD CREEK AREA.
- A. Yes. We have agreed to a joint sampling and analysis program.
- Q. IEPA SAID MONSANTO REQUESTED THE PROGRAM?
- A. Monsanto offered its assistance to IEPA regarding sampling of Dead Creek. As an industrial citizen of the area we are as concerned about the situation as the Illinois officials and residents are. We hope that our assistance to and cooperation with the IEPA will help resolve the situation.
- Q. IT SOUNDS LIKE THIS IS A "GOODWILL GESTURE?"
- A. Our effort is sincere. We are concerned about the situation there. It reflects badly on, not only Monsanto, but all industry. And we are concerned as a lot of people are and want to resolve the situation. After all, it is not as if Monsanto's offer of assistance is unique to Illinois and the Dead Creek. I'm sure you remember a few weeks ago our offer of assistance to Gov. Teasdale at Ellisville.
- Q. YOU'VE TAKEN SAMPLES ALREADY. WHAT IS THE STATUS?
- A. We have taken samples and are awaiting the results.
- Q. WHY WOULD MONSANTO REQUEST THIS PROGRAM WITH IEPA? IS IT BECAUSE YOU QUESTION THEIR RESULTS?
- A. Monsanto offered assistance to IEPA. As you probably know, these are sophisticated tests and we have the laboratories and equipment to help IEPA.
- Q. WHERE WILL MONSANTO'S SAMPLES BE TAKEN? I UNDERSTAND TO YOUR QUEENY PLANT.
- A. The samples will be tested at our Central Research Laboratory at the World Headquarters in Creve Coeur.
- Q. WHEN WILL THE SAMPLES BE READY?
- A. I can't give you a definite date but, it should take between two and three weeks.

(Reporter's tone of voice during the interview suggested a cynical view toward "Monsanto's goodwill gesture" and the implication that Monsanto didn't trust IEPA to handle the sampling properly.)

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SOURCE OF ANSWER

File/W. B. Papageorge

HANDLED BY:

Sarah Gainer Collins

G-2967 (REV. 8/79)



DATE: September 29, 1980

CONFIDENTIAL 92-CV-204-WDS

TO: John Renkes

FROM: Jim Kelty

SUBJECT: IEPA and MONSANTO CHEMICAL COMPANY COOPERATIVE SAMPLING PROGRAM IN DEAD CREEK, SAUGET/CAHOKIA.

The purpose of this memo is to outline a program for joint sampling and analyses between the IEPA and Monsanto Chemical Company in Dead Creek.

- 1) Sampling will be done on October 2, 1980, beginning at approximately 2:00 p.m. and will be conducted by IEPA, ERU Personnel and Monsanto Chemical Company Representatives.
- 2) Soil samples will be taken from the north, central, and south areas of the ditch from sites previously determined by the IEPA to be contaminated.
- 3) Samples will be split and submitted to respective laboratories for elemental analysis and also organic analysis for PCB's and other chlorinated hydrocarbons. Laboratory procedures will be exchanged.
- 4) Laboratory results should be completed by October 16, 1980, at which time a meeting can be scheduled for the purpose of comparing and discussing results.
- 5) It is requested that all results be kept confidential until such a time that it is mutually agreeable to make them public.

JK:jks

CER 008453

To: E. N. Brasfield

cc: S. G. Collins
C. P. Cunningham
D. R. Bishop
J. T. Nolan
W. B. Papageorge
M. C. Throdahl

The EPA hearing in Cahokia was low-keyed. The upshot is that the EPA says there is no threat to health from Dead Creek and the government people, the Illinois agencies, are now looking into the second phase of their program which involves long-term environmental assessment.

There was no mention of Monsanto. It was merely an informational dissemination session for the press. Because Monsanto's name was not mentioned, there was no necessity to defend the company to the news media.

The press conference was heavily covered by TV, radio and newspapers and there should be widespread coverage tonight.

(I am at the WCK plant with Howard Curtis and have a press release.
I will distribute when I get back from the office.)

John J. Spano
11:20 a.m., 9/24/80

CER 008454

mw